

Serial No.: 10/517,305
Atty. Docket No.: P70298US0

IN THE SPECIFICATION:

On page 1, before line 4, please insert the following new headings:

--BACKGROUND OF THE INVENTION

1. FIELD OF THE INVENTION--.

On page 1, line 12, please insert the following heading:

--2. DESCRIPTION OF THE RELATED ART--.

On page 3, line 21, please insert the following heading:

--SUMMARY OF THE INVENTION--.

On page 3, line 28, insert the following headings and new paragraphs:

--BRIEF DESCRIPTION OF THE DRAWING

Figure 1 illustrates an embodiment of a system and method for determining target position in a position space using a plurality of transmitters and receivers, in accordance with the present invention.

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DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Further scope of applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.--

On page 4, please amend the paragraph beginning on line 5, as follows:

--For intuitive understanding of the invention, a simple case is taken into consideration, involving only one target, m_1 , and four stations s_1, s_2, s_3, s_4 , as shown in Figure 1. Now assume that the measurements $d_{12}, d_{34}, d_{13}, d_{24}$, are performed, where d_{ij} means the total distance $s_i - m_1 - s_j$. It will be appreciated that $d_{12} + d_{34} = d_{13} + d_{24}$ must be the case since both expressions mean the total distance from the target to the four stations.--

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On page 8, after the last line, please insert the following paragraph:

--The invention being thus described, it will be apparent that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be recognized by one skilled in the art are intended to be included within the scope of the following claims.--